

# Converting Colors

Hex(29A434)

Have a look what the booklet for  
Hex(29A434) contains.

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**Color**

**Hex(29A434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29A434
RGB	41, 164, 52
RGB Percent	16%, 64%, 20%
CMY	0.8392, 0.3569, 0.7961
CMYK	0.75, 0.00, 0.68, 0.36
HSL	125°, 60%, 40%
HSV	125°, 75%, 64%
XYZ	14.8097, 27.2703, 7.7319
YIQ	114.4550, -37.3560, -60.9080

# Conversions

## Conversions Part 2

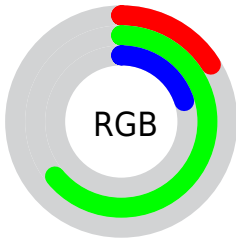
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 154, 164
Decimal	2729012
CIELab	59.22, -55.19, 46.88
CIElCh	59, 72.407, 139.655
Yxy	27.2703, 0.2973, 0.5475
Android (android.graphics.Color)	4280919092 (0xFF29A434)
YUV	114.4550, -30.7903, -64.4200
Hunter-Lab	52.2209, -40.7644, 27.7761

# Details

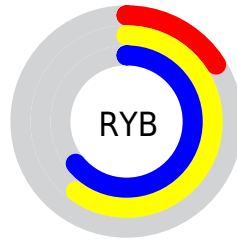
The Hex color **29A434** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A42999**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6ADC68**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **19A425**, and if you desaturate by 10%, it is **39A443**.

# Distribution



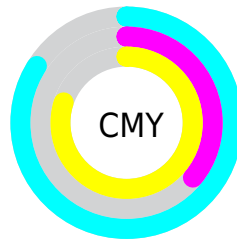
- Red (16%)
- Green (64%)
- Blue (20%)



- Red (16%)
- Yellow (60%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (68%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29A434 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 29A434 by changing the saturation by 10% instead.



 29A434

 29A434

FFFFFF

 008918

 6ADC68

 006F00

 88F982

 005500

 A5FF9E

 003D00

 C2FFB9

 002600

 E0FFD5

 000000

 FEFFF2

 29A434

 29A434

 19A425

 39A443

■ 08A416

■ 4AA452

■ 00A40F

■ 5AA461

■ 6BA470

■ 7BA47F

■ 8BA48E

■ 9CA49D

■ ACA4AB

■ BDA4BA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



849800



29A434



00AA76

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29A434



009DFF



FE4C68

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29A434



A42999

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F44CA7



29A434



5987FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29A434



00A8EF



C469E2



E9682C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29A434



00ABA2



C469E2



FF487D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29A434



A5D6A9



9AA429



4D6B50



EBEBEB



6B6B6B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29A434



15D627



29A471



49524A



00910D



001202



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A42999



D615C5



A4295C



524951



910084



120010



# Previews

## White Background



This preview shows how the Hex color 29A434 looks on a white background.

## Color Contrast Check

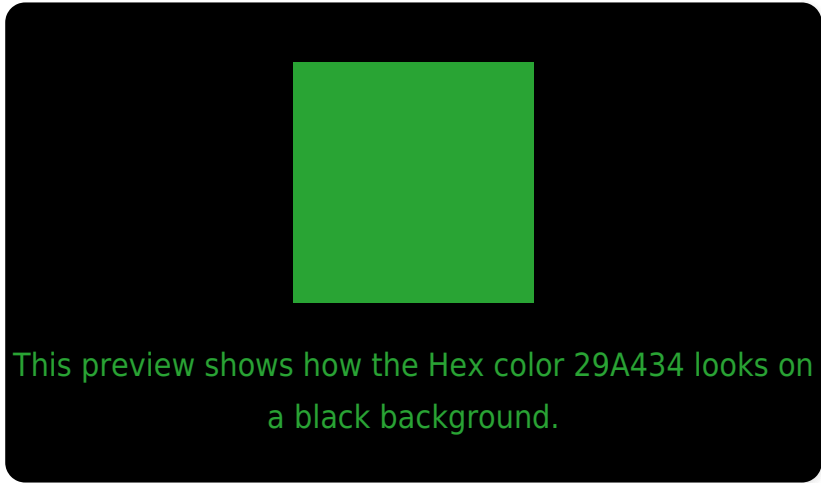
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

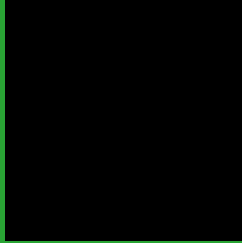
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29A434 Background



This preview shows how black text looks on a background with the Hex color 29A434.



This preview shows how white text looks on a background with the Hex color 29A434.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
29A434

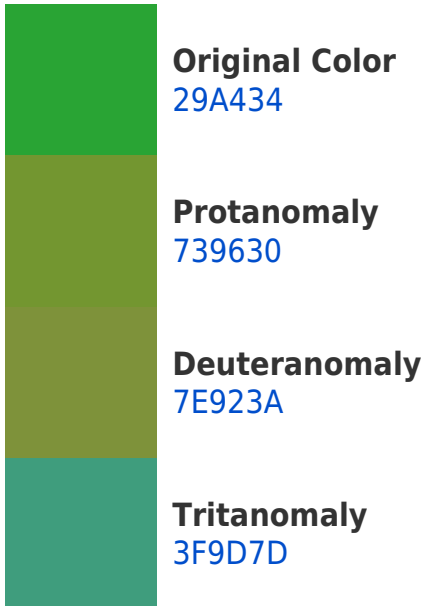
**Protanopia**  
9E8E2E

**Deuteranopia**  
AF873E



**Tritanopia**  
4C99A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29A434 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #29A434 looks like.

```
.text, #text, p{  
    color:#29A434  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #29A434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A434
}
```

## Border

The CSS property to change the border of an element to Hex 29A434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29A434 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#29A434 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #29A434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A434; -webkit-box-shadow:4px 4px  
4px 4px #29A434; box-shadow:4px 4px 4px  
4px #29A434 }
```

# Background

The CSS property to change the background color of an element to Hex 29A434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A434 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#29A434 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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